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Include work order no. and floor no. if applicable

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Document Date:	**Document Author Name:**	**Author Organization:**

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Level 1

Bankers Trust	Project 6	WTC 4 - South Plaza Bldg.
Concourse	Project 7	WTC 5 - North Plaza Bldg.
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Deck	Hat truss	Slurry wall	

WTCI-721-LERA

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: DRAWING BOOK 1 - EXTERIOR WALL TO EL. 363 | DATE: 11/26/71

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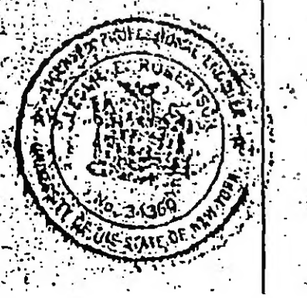

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SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers — *Printed*

PROJECT: THE WORLD TRADE CENTER | TITLE: DRAWING BOOK 1 - EXTERIOR WALL TO EL. 363 | DATE: 10/ 1/69

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LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers — Printed

PROJECT: THE WORLD TRADE CENTER

TITLE: DRAWING BOOK 1 - EXTERIOR WALL TO EL. 363

DATE: 9/ 2/69

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LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: DRAWING BOOK 1 - EXTERIOR WALL TO EL. 363 | DATE: 4/ 1/69

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REGISTERED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34300
STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

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LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

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1-A2- 18	4-24-67	SA- 125	4- 7-67	1-B2- 44	3-31-67	1-B2- 95	4-24-67	1-AB3- 28.1	9/15/67
1-A2- 19	4-24-67	SA- 126	5-08-67	1-B2- 45	3-31-67	1-B2- 96	3-31-67	1-AB3- 28.2	9/15/67
1-A2- 20	4-24-67	SA- 127	4- 7-67	1-B2- 46	3-31-67	1-B2- 97	4-24-67	1-AB3- 29	9/15/67
1-A2- 21	4-24-67	SA- 128	5-08-67	1-B2- 47	1/26/68	1-B2- 98	4-24-67	1-AB3- 30	9/18/67
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1-A2- 27	3-15-67	1-B2- 3	12/18/68	1-B2- 53	3-31-67	SB- 126	2/15/68	1-AB3- 33.1	9/15/67
1-A2- 28	3-15-67	1-B2- 4	12/18/68	1-B2- 55	2/15/68	SB- 127	2/15/68	1-AB3- 34	9/18/67
1-A2- 29	3-15-67	1-B2- 5	2/19/68	1-B2- 56	2/15/68	SB- 128	2/15/68	1-AB3- 35	9/15/67
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1-A2- 44	3-15-67	1-B2- 20	3-31-67	1-B2- 71	4-24-67	1-AB3- 9.1	5/ 7/68	1-AB3- 53	1/10/68
1-A2- 45	3-15-67	1-B2- 21	3-31-67	1-B2- 72	4-24-67	1-AB3-10	9/ 1/67	1-AB3- 54	1/10/68
1-A2- 46	1/10/68	1-B2- 22	3-31-67	1-B2- 73	4-24-67	1-AB3-11	9/ 1/67	1-AB3- 55	7/17/68
1-A2- 47	3-15-67	1-B2- 23	4-24-67	1-B2- 74	3-31-67	1-AB3-12	1/10/68	1-AB3- 56	1/10/68
1-A2- 48	3-15-67	1-B2- 24	3-31-67	1-B2- 75	3-31-67	1-AB3-13	2/19/68	1-AB3- 57	1/10/68
1-A2- 49	3-15-67	1-B2- 25	3-31-67	1-B2- 76	3-31-67	1-AB3-14	2/19/68	1-AB3- 58	1/10/68

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: DRAWING BOOK 1 - EXTERIOR WALL TO EL. 363 | DATE: 2/ 3/69

REVISIONS

1-A2- 0	2/ 3/69	1-A2- 50	3-15-67	1-B2- 26	3-31-67	1-B2- 77	4-24-67	1-AB3-15	9/ 1/67
1-A2- 1	9/ 1/67	1-A2- 51	3-15-67	1-B2- 27	6/18/68	1-B2- 78	3-31-67	1-AB3-16	9/ 1/67
1-A2- 2	2/15/68	1-A2- 52	3-15-67	1-B2- 28	6/18/68	1-B2- 79	3-31-67	1-AB3-17	9/ 1/67
1-A2- 3	1/26/68	1-A2- 53	3-15-67	1-B2- 29	3-31-67	1-B2- 80	4-24-67	1-AB3-18	7/17/68
1-A2- 4	1/10/68	1-A2- 54	3-15-67	1-B2- 30	3-31-67	1-B2- 81	3-31-67	1-AB3-18.1	7/17/68
1-A2- 5	1/26/68	1-A2- 55	3-15-67	1-B2- 31	6/18/68	1-B2- 82	3-31-67	1-AB3-18.2	2/19/68
1-A2- 6	9/15/67	1-A2- 56	4-24-67	1-B2- 32	3-31-67	1-B2- 83	3-31-67	1-AB3-19	9/15/67
1-A2- 7	2/15/68	1-A2- 57	3-15-67	1-B2- 33	3-31-67	1-B2- 84	4-24-67	1-AB3- 20	9/15/67
1-A2- 8	2/15/68	1-A2- 58	4-24-67	1-B2- 34	3-31-67	1-B2- 85	4-24-67	1-AB3- 21	9/15/67
1-A2- 9	3-15-67	1-A2- 59	3-15-67	1-B2- 35	3-31-67	1-B2- 86	4-24-67	1-AB3- 22	9/15/67
1-A2- 10	3-15-67	1-A2- 60	3-15-67	1-B2- 36	6/18/68	1-B2- 87	4-24-67	1-AB3- 22.1	9/15/67
1-A2- 11	3-15-67	1-A2- 61	3-15-67	1-B2- 37	2/15/68	1-B2- 88	4-24-67	1-AB3- 23	9/15/67
1-A2- 12	2/15-68	1-A2- 62	3-15-67	1-B2- 38	4/24/67	1-B2- 89	4-24-67	1-AB3- 24	9/15/67
1-A2- 13	3-15-67	1-A2- 63	3-15-67	1-B2- 39	3-31-67	1-B2- 90	4-24-67	1-AB3- 25	9/15/67
1-A2- 14	3-15-67	1-A2- 64	3-15-67	1-B2- 40	3-31-67	1-B2- 91	4-24-67	1-AB3- 26	9/15/67
1-A2- 15	3-15-67	1-A2- 65	3-15-67	1-B2- 41	3-31-67	1-B2- 92	4-24-67	1-AB3- 27	9/15/67
1-A2- 16	5-08-67	1-A2- 66	3-15-67	1-B2- 42	3-31-67	1-B2- 93	4-24-67	1-AB3- 27.1	9/15/67
1-A2- 17	3-15-67	1-A2- 67	1/10/68	1-B2- 43	3-31-67	1-B2- 94	4-24-67	1-AB3- 28	9/15/67
1-A2- 18	4-24-67	SA- 125	4- 7-67	1-B2- 44	3-31-67	1-B2- 95	4-24-67	1-AB3- 28.1	9/15/67
1-A2- 19	4-24-67	SA- 126	5-08-67	1-B2- 45	3-31-67	1-B2- 96	3-31-67	1-AB3- 28.2	9/15/67
1-A2- 20	4-24-67	SA- 127	4- 7-67	1-B2- 46	3-31-67	1-B2- 97	4-24-67	1-AB3- 29	9/15/67
1-A2- 21	4-24-67	SA- 128	5-08-67	1-B2- 47	1/26/68	1-B2- 98	4-24-67	1-AB3- 30	9/18/67
1-A2- 22	4-24-67			1-B2- 48	7/17/68	1-B2- 99	4-24-67	1-AB3- 30.1	9/15/67
1-A2- 23	2/15/68			1-B2- 49	1/26/68	1-B2- 100	2/15/68	1-AB3- 31	9/15/67
1-A2- 24	3-15-67	1-B2- 0	2/ 3/69	1-B2- 50	1/26/68	1-B2- 101	2/15/68	1-AB3- 32	9/15/67
1-A2- 25	3-15-67	1-B2- 1	2/19/68	1-B2- 51	3-31-67	1-B2- 102	2/15/68	1-AB3- 32.1	9/15/67
1-A2- 26	3-15-67	1-B2- 2	6/18/68	1-B2- 52	3-31-67	SB- 125	2/15/68	1-AB3- 33	9/15/67
1-A2- 27	3-15-67	1-B2- 3	12/18/68	1-B2- 53	3-31-67	SB- 126	2/15/68	1-AB3- 33.1	9/15/67
1-A2- 28	3-15-67	1-B2- 4	12/18/68	1-B2- 55	2/15/68	SB- 127	2/15/68	1-AB3- 34	9/18/67
1-A2- 29	3-15-67	1-B2- 5	2/19/68	1-B2- 56	2/15/68	SB- 128	2/15/68	1-AB3- 35	9/15/67
1-A2- 30	3-15-67	1-B2- 6	2/19/68	1-B2- 57	2/15/68			1-AB3-36	2/19/68
1-A2- 31	4-24-67	1-B2- 7	6/18/68	1-B2- 58	3-31-67			1-AB3-37	5/ 7/68
1-A2- 32	4-24-67	1-B2- 8	6/18/68	1-B2- 59	3-31-67	1-AB3- 0	2/ 3/69	1-AB3-38	2/19/68
1-A2- 33	3-15-67	1-B2- 9	2/19/68	1-B2- 60	4-24-67	1-AB3- 1	7/17/68	1-AB3-39	5/ 7/68
1-A2- 34	3-15-67	1-B2- 10	5-08-67	1-B2- 61	3-31-67	1-AB3- 2	7/17/68	1-AB3-40	2/19/68
1-A2- 35	3-15-67	1-B2- 11	4-24-67	1-B2- 62	3-31-67	1-AB3- 3	2/19/68	1-AB3-41	2/19/68
1-A2- 36	3-15-67	1-B2- 12	2/15/68	1-B2- 63	3-31-67	1-AB3- 4	5/ 7/68	1-AB3-42	5/ 7/68
1-A2- 37	3-15-67	1-B2- 13	4-24-67	1-B2- 64	3-31-67	1-AB3- 4.1	2/19/68	1-AB3-43	2/19/68
1-A2- 38	1/26/68	1-B2- 14	2/15/68	1-B2- 65	3-31-67	1-AB3- 5	9/ 1/67	1-AB3-44	2/19/68
1-A2- 39	7/17/68	1-B2- 15	4-24-67	1-B2- 66	3-31-67	1-AB3- 6	1/10/68	1-AB3-45	2/19/68
1-A2- 40	1/26/68	1-B2- 16	2/15/68	1-B2- 67	3-31-67	1-AB3- 7	2/19/68	1-AB3-49	9/ 1/67
1-A2- 41	3-15-67	1-B2- 17	4-24-67	1-B2- 68	3-31-67	1-AB3- 8	5/ 7/68	1-AB3-50	2/19/68
1-A2- 42	3-15-67	1-B2- 18	4-24-67	1-B2- 69	3-31-67	1-AB3- 8.1	2/19/68	1-AB3- 51	1/10/68
1-A2- 43	3-15-67	1-B2- 19	6/18/68	1-B2- 70	3-31-67	1-AB3- 9	2/19/68	1-AB3- 52	2/15/68
1-A2- 44	3-15-67	1-B2- 20	3-31-67	1-B2- 71	4-24-67	1-AB3- 9.1	5/ 7/68	1-AB3- 53	1/10/68
1-A2- 45	3-15-67	1-B2- 21	3-31-67	1-B2- 72	4-24-67	1-AB3-10	9/ 1/67	1-AB3- 54	1/10/68
1-A2- 46	1/10/68	1-B2- 22	3-31-67	1-B2- 73	4-24-67	1-AB3-11	9/ 1/67	1-AB3- 55	7/17/68
1-A2- 47	3-15-67	1-B2- 23	4-24-67	1-B2- 74	3-31-67	1-AB3-12	1/10/68	1-AB3- 56	1/10/68
1-A2- 48	3-15-67	1-B2- 24	3-31-67	1-B2- 75	3-31-67	1-AB3-13	2/19/68	1-AB3- 57	1/10/68
1-A2- 49	3-15-67	1-B2- 25	3-31-67	1-B2- 76	3-31-67	1-AB3-14	2/19/68	1-AB3- 58	1/10/68

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: DRAWING BOOK 1 - EXTERIOR WALL TO EL. 362 | DATE: 1/ 3/69

REVISIONS

1-A2- 0	1/ 3/69	1-A2- 50	3-15-67	1-B2- 26	3-31-67	1-B2- 77	4-24-67	1-AB3-15	9/ 1/67
1-A2- 1	9/ 1/67	1-A2- 51	3-15-67	1-B2- 27	6/18/68	1-B2- 78	3-31-67	1-AB3-16	9/ 1/67
1-A2- 2	2/15/68	1-A2- 52	3-15-67	1-B2- 28	6/18/68	1-B2- 79	3-31-67	1-AB3-17	9/ 1/67
1-A2- 3	1/26/68	1-A2- 53	3-15-67	1-B2- 29	3-31-67	1-B2- 80	4-24-67	1-AB3-18	7/17/68
1-A2- 4	1/10/68	1-A2- 54	3-15-67	1-B2- 30	3-31-67	1-B2- 81	3-31-67	1-AB3-18.1	7/17/68
1-A2- 5	1/26/68	1-A2- 55	3-15-67	1-B2- 31	6/18/68	1-B2- 82	3-31-67	1-AB3-18.2	2/19/68
1-A2- 6	9/15/67	1-A2- 56	4-24-67	1-B2- 32	3-31-67	1-B2- 83	3-31-67	1-AB3-19	9/15/67
1-A2- 7	2/15/68	1-A2- 57	3-15-67	1-B2- 33	3-31-67	1-B2- 84	4-24-67	1-AB3- 20	9/15/67
1-A2- 8	2/15/68	1-A2- 58	4-24-67	1-B2- 34	3-31-67	1-B2- 85	4-24-67	1-AB3- 21	9/15/67
1-A2- 9	3-15-67	1-A2- 59	3-15-67	1-B2- 35	3-31-67	1-B2- 86	4-24-67	1-AB3- 22	9/15/67
1-A2- 10	3-15-67	1-A2- 60	3-15-67	1-B2- 36	6/18/68	1-B2- 87	4-24-67	1-AB3- 22.1	9/15/67
1-A2- 11	3-15-67	1-A2- 61	3-15-67	1-B2- 37	2/15/68	1-B2- 88	4-24-67	1-AB3- 23	9/15/67
1-A2- 12	2/15-68	1-A2- 62	3-15-67	1-B2- 38	4/24/67	1-B2- 89	4-24-67	1-AB3- 24	9/15/67
1-A2- 13	3-15-67	1-A2- 63	3-15-67	1-B2- 39	3-31-67	1-B2- 90	4-24-67	1-AB3- 25	9/15/67
1-A2- 14	3-15-67	1-A2- 64	3-15-67	1-B2- 40	3-31-67	1-B2- 91	4-24-67	1-AB3- 26	9/15/67
1-A2- 15	3-15-67	1-A2- 65	3-15-67	1-B2- 41	3-31-67	1-B2- 92	4-24-67	1-AB3- 27	9/15/67
1-A2- 16	5-CB-67	1-A2- 66	3-15-67	1-B2- 42	3-31-67	1-B2- 93	4-24-67	1-AB3- 27.1	9/15/67
1-A2- 17	3-15-67	1-A2- 67	1/10/68	1-B2- 43	3-31-67	1-B2- 94	4-24-67	1-AB3- 28	9/15/67
1-A2- 18	4-24-67	SA- 125	4- 7-67	1-B2- 44	3-31-67	1-B2- 95	4-24-67	1-AB3- 28.1	9/15/67
1-A2- 19	4-24-67	SA- 126	5-08-67	1-B2- 45	3-31-67	1-B2- 96	3-31-67	1-AB3- 28.2	9/15/67
1-A2- 20	4-24-67	SA- 127	4- 7-67	1-B2- 46	3-31-67	1-B2- 97	4-24-67	1-AB3- 29	9/15/67
1-A2- 21	4-24-67	SA- 128	5-08-67	1-B2- 47	1/26/68	1-B2- 98	4-24-67	1-AB3- 30	9/18/67
1-A2- 22	4-24-67			1-B2- 48	7/17/68	1-B2- 99	4-24-67	1-AB3- 30.1	9/15/67
1-A2- 23	2/15/68			1-B2- 49	1/26/68	1-B2- 100	2/15/68	1-AB3- 31	9/15/67
1-A2- 24	3-15-67	1-B2- 0	1/ 3/69	1-B2- 50	1/26/68	1-B2- 101	2/15/68	1-AB3- 32	9/15/67
1-A2- 25	3-15-67	1-B2- 1	2/19/68	1-B2- 51	3-31-67	1-B2- 102	2/15/68	1-AB3- 32.1	9/15/67
1-A2- 26	3-15-67	1-B2- 2	6/18/68	1-B2- 52	3-31-67	SB- 125	2/15/68	1-AB3- 33	9/15/67
1-A2- 27	3-15-67	1-B2- 3	12/18/68	1-B2- 53	3-31-67	SB- 126	2/15/68	1-AB3- 33.1	9/15/67
1-A2- 28	3-15-67	1-B2- 4	12/18/68	1-B2- 55	2/15/68	SB- 127	2/15/68	1-AB3- 34	9/18/67
1-A2- 29	3-15-67	1-B2- 5	2/19/68	1-B2- 56	2/15/68	SB- 128	2/15/68	1-AB3- 35	9/15/67
1-A2- 30	3-15-67	1-B2- 6	2/19/68	1-B2- 57	2/15/68			1-AB3-36	2/19/68
1-A2- 31	4-24-67	1-B2- 7	6/18/68	1-B2- 58	3-31-67			1-AB3-37	5/ 7/68
1-A2- 32	4-24-67	1-B2- 8	6/18/68	1-B2- 59	3-31-67	1-AB3- 0	1/ 3/69	1-AB3-38	2/19/68
1-A2- 33	3-15-67	1-B2- 9	2/19/68	1-B2- 60	4-24-67	1-AB3- 1	7/17/68	1-AB3-39	5/ 7/68
1-A2- 34	3-15-67	1-B2- 10	5-CB-67	1-B2- 61	3-31-67	1-AB3- 2	7/17/68	1-AB3-40	2/19/68
1-A2- 35	3-15-67	1-B2- 11	4-24-67	1-B2- 62	3-31-67	1-AB3- 3	2/19/68	1-AB3-41	2/19/68
1-A2- 36	3-15-67	1-B2- 12	2/15/68	1-B2- 63	3-31-67	1-AB3- 4	5/ 7/68	1-AB3-42	5/ 7/68
1-A2- 37	3-15-67	1-B2- 13	4-24-67	1-B2- 64	3-31-67	1-AB3- 4.1	2/19/68	1-AB3-43	2/19/68
1-A2- 38	1/26/68	1-B2- 14	2/15/68	1-B2- 65	3-31-67	1-AB3- 5	9/ 1/67	1-AB3-44	2/19/68
1-A2- 39	7/17/68	1-B2- 15	4-24-67	1-B2- 66	3-31-67	1-AB3- 6	1/10/68	1-AB3-45	2/19/68
1-A2- 40	1/26/68	1-B2- 16	2/15/68	1-B2- 67	3-31-67	1-AB3- 7	2/19/68	1-AB3-49	9/ 1/67
1-A2- 41	3-15-67	1-B2- 17	4-24-67	1-B2- 68	3-31-67	1-AB3- 8	5/ 7/68	1-AB3-50	2/19/68
1-A2- 42	3-15-67	1-B2- 18	4-24-67	1-B2- 69	3-31-67	1-AB3- 8.1	2/19/68	1-AB3- 51	1/10/68
1-A2- 43	3-15-67	1-B2- 19	6/18/68	1-B2- 70	3-31-67	1-AB3- 9	2/19/68	1-AB3- 52	2/19/68
1-A2- 44	3-15-67	1-B2- 20	3-31-67	1-B2- 71	4-24-67	1-AB3- 9.1	5/ 7/68	1-AB3- 53	1/10/68
1-A2- 45	3-15-67	1-B2- 21	3-31-67	1-B2- 72	4-24-67	1-AB3-10	9/ 1/67	1-AB3- 54	1/10/68
1-A2- 46	1/10/68	1-B2- 22	3-31-67	1-B2- 73	4-24-67	1-AB3-11	9/ 1/67	1-AB3- 55	7/17/68
1-A2- 47	3-15-67	1-B2- 23	4-24-67	1-B2- 74	3-31-67	1-AB3-12	1/10/68	1-AB3- 56	1/10/68
1-A2- 48	3-15-67	1-B2- 24	3-31-67	1-B2- 75	3-31-67	1-AB3-13	2/19/68	1-AB3- 57	1/10/68
1-A2- 49	3-15-67	1-B2- 25	3-31-67	1-B2- 76	3-31-67				

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: DRAWING BOOK 1 - EXTERIOR WALL TO EL. 363 | DATE: 5/ 7/68

REVISIONS
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1-A2- 0	5/3/67	1-A2- 50	3-15-67	1-B2- 26	3-31-67	1-B2- 76	3-31-67	1-AB3-14	2/19/68
1-A2- 1	5/ 1/67	1-A2- 51	3-15-67	1-B2- 27	4-24-67	1-B2- 77	4-24-67	1-AB3-15	9/ 1/67
1-A2- 2	2/15/68	1-A2- 52	3-15-67	1-B2- 28	3-31-67	1-B2- 78	3-31-67	1-AB3-16	9/ 1/67
1-A2- 3	1/26/68	1-A2- 53	3-15-67	1-B2- 29	3-31-67	1-B2- 79	3-31-67	1-AB3-17	9/ 1/67
1-A2- 4	1/10/68	1-A2- 54	3-15-67	1-B2- 30	3-31-67	1-B2- 80	4-24-67	1-AB3-18	2/19/68
1-A2- 5	1/26/68	1-A2- 55	3-15-67	1-B2- 31	3-31-67	1-B2- 81	3-31-67	1-AB3-18.1	2/19/68
1-A2- 6	9/15/67	1-A2- 56	4-24-67	1-B2- 32	3-31-67	1-B2- 82	3-31-67	1-AB3-18.2	2/19/68
1-A2- 7	2/15/68	1-A2- 57	3-15-67	1-B2- 33	3-31-67	1-B2- 83	3-31-67	1-AB3-19	9/15/67
1-A2- 8	2/15/68	1-A2- 58	4-24-67	1-B2- 34	3-31-67	1-B2- 84	4-24-67	1-AB3- 20	9/15/67
1-A2- 9	3-15-67	1-A2- 59	3-15-67	1-B2- 35	3-31-67	1-B2- 85	4-24-67	1-AB3- 21	9/15/67
1-A2- 10	3-15-67	1-A2- 60	3-15-67	1-B2- 36	3-31-67	1-B2- 86	4-24-67	1-AB3- 22	9/15/67
1-A2- 11	3-15-67	1-A2- 61	3-15-67	1-B2- 37	2/15/68	1-B2- 87	4-24-67	1-AB3- 22.1	9/15/67
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SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

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LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

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LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

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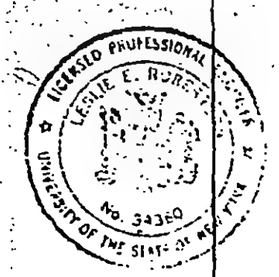

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

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LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

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LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — NO. 34360 — OF THE STATE OF NEW YORK

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

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REGISTERED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

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SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

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SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

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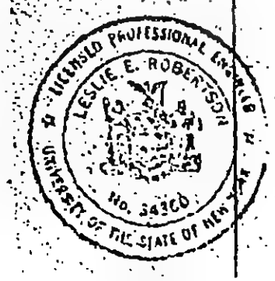

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

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LICENSED PROFESSIONAL ENGINEER — LEWIS E. ROBERTSON — NO. 44830 — UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

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LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

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LICENSED PROFESSIONAL ENGINEER
LOUIS R. ROBERTSON
No. 54360
OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

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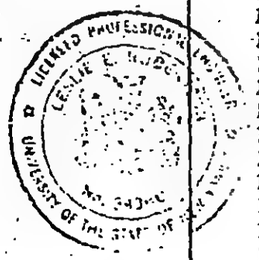
1-AB3- 4.1	DETAIL 736	1-AB3-33	DETAIL 780
1-AB3- 5	DETAIL 737	1-AB3-44	DETAIL 781
1-AB3- 6	DETAIL 738	1-AB3-45	DETAIL 783
1-AB3- 7	DETAIL 750	1-AB3-49	GENERAL NOTES
1-AB3- 8	DETAIL 751	1-AB3-50	DETAIL P01
1-AB3- 8.1	DETAIL 751	1-AB3-51	DETAIL P02
1-AB3- 9	DETAIL 752,757,760	1-AB3-52	DETAIL P03
1-AB3- 9.1	DETAIL 752,757,760	1-AB3-53	DETAIL P04
1-AB3-10	DETAIL 753	1-AB3-54	DETAIL P05
1-AB3-11	DETAIL 754	1-AB3-55	DETAIL P06
1-AB3-12	DETAIL 755	1-AB3-56	DETAIL P07
1-AB3-13	DETAIL 756	1-AB3-57	DETAIL P08
1-AB3-14	DETAIL 758	1-AB3-58	DETAIL P09
1-AB3-15	DETAIL 759,765,769	1-AB3-58.1	DETAIL P09
1-AB3-16	DETAIL 761	1-AB3-58.2	DETAIL P09
1-AB3-17	DETAIL 766	1-AB3-59	NOT USED
1-AB3-18	DETAIL 767,768,770	1-AB3-60	DETAIL P10-P17
1-AB3-18.1	DETAIL 767,768,770	1-AB3-60.1	DETAIL P10-P17-P20
1-AB3-18.2	DETAIL 771	1-AB3-60.2	DETAIL P10-P17
1-AB3-19	DETAIL 839	1-AB3-60.3	DETAIL P10-P17
1-AB3-20	DETAIL 840	1-AB3-60.4	DETAIL P20
1-AB3-21	DETAIL 841	1-AB3-60.5	DETAIL P10,P11
1-AB3-22	DETAIL 842	1-AB3-60.6	DETAIL P10,P11
1-AB3-22.1	DETAIL 842	1-AB3-60.7	DETAIL P10
1-AB3-23	DETAIL 843	1-AB3-60.8	DETAIL P18
1-AB3-24	DETAIL 844	1-AB3-60.9	DETAIL P11
1-AB3-25	DETAIL 848	1-AB3-61	DETAIL P20
1-AB3-26	DETAIL 850	1-AB3-62	DETAIL P21-P26
1-AB3-27	DETAIL 851	1-AB3-63	DETAIL P30,P31
1-AB3-27.1	DETAIL 851	1-AB3-64	DETAIL P35
1-AB3-28	DETAIL 852	1-AB3-65	DETAIL P40,P41
1-AB3-28.1	DETAIL 852	1-AB3-65.1	DETAIL P40,P41
1-AB3-28.2	DETAIL 852	1-AB3-65.2	DETAIL P40,P41
1-AB3-29	DETAIL 854	1-AB3-65.3	DETAIL P40,P41
1-AB3-30	DETAIL 855	1-AB3-66	DETAIL P42
1-AB3-30.1	DETAIL 855		
1-AB3-31	DETAIL 858		
1-AB3-32	DETAIL 861		
1-AB3-32.1	DETAIL 861		
1-AB3-33	DETAIL 867		
1-AB3-33.1	DETAIL 867		
1-AB3-34	DETAIL 870		
1-AB3-35	DETAIL 872		
1-AB3-36	DETAIL 772		
1-AB3-37	DETAIL 773		

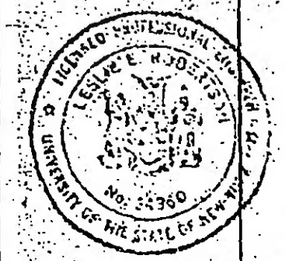


SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	DRAWING BOOK 1 - EXTERIOR WALL TO EL. 363	3/ 3/69

REVISIONS

1-AB3- 0	INDEX	1-AB3-38	DETAIL 774
1-AB3- 1	DETAIL 733	1-AB3-39	DETAIL 775
1-AB3- 2	DETAIL 734	1-AB3-40	DETAIL 777
1-AB3- 3	DETAIL 735	1-AB3-41	DETAIL 778
1-AB3- 4	DETAIL 736	1-AB3-42	DETAIL 779
1-AB3- 4.1	DETAIL 736	1-AB3-33	DETAIL 780
1-AB3- 5	DETAIL 737	1-AB3-44	DETAIL 781
1-AB3- 6	DETAIL 738	1-AB3-45	DETAIL 783
1-AB3- 7	DETAIL 750	1-AB3-49	GENERAL NOTES
1-AB3- 8	DETAIL 751	1-AB3-50	DETAIL P01
1-AB3- 8.1	DETAIL 751	1-AB3-51	DETAIL P02
1-AB3- 9	DETAIL 752,757,760	1-AB3-52	DETAIL P03
1-AB3- 9.1	DETAIL 752,757,760	1-AB3-53	DETAIL P04
1-AB3-10	DETAIL 753	1-AB3-54	DETAIL P05
1-AB3-11	DETAIL 754	1-AB3-55	DETAIL P06
1-AB3-12	DETAIL 755	1-AB3-56	DETAIL P07
1-AB3-13	DETAIL 756	1-AB3-57	DETAIL P08
1-AB3-14	DETAIL 758	1-AB3-58	DETAIL P09
1-AB3-15	DETAIL 759,765,769	1-AB3-58.1	DETAIL P09
1-AB3-16	DETAIL 761	1-AB3-58.2	DETAIL P09
1-AB3-17	DETAIL 766	1-AB3-59	NOT USED
1-AB3-18	DETAIL 767,768,770	1-AB3-60	DETAIL P10-P17
1-AB3-18.1	DETAIL 767,768,770	1-AB3-60.1	DETAIL P10-P17-P20
1-AB3-18.2	DETAIL 771	1-AB3-60.2	DETAIL P10-P17
1-AB3-19	DETAIL 839	1-AB3-60.3	DETAIL P10-P17
1-AB3-20	DETAIL 840	1-AB3-60.4	DETAIL P20
1-AB3-21	DETAIL 841	1-AB3-60.5	DETAIL P10,P11
1-AB3-22	DETAIL 842	1-AB3-60.6	DETAIL P10,P11
1-AB3-22.1	DETAIL 842	1-AB3-60.7	DETAIL P18
1-AB3-23	DETAIL 843	1-AB3-60.8	DETAIL P18
1-AB3-24	DETAIL 844	1-AB3-60.9	DETAIL P11
1-AB3-25	DETAIL 848	1-AB3-61	DETAIL P20
1-AB3-26	DETAIL 850	1-AB3-62	DETAIL P21-P26
1-AB3-27	DETAIL 851	1-AB3-63	DETAIL P30,P31
1-AB3-27.1	DETAIL 851	1-AB3-64	DETAIL P35
1-AB3-28	DETAIL 852	1-AB3-65	DETAIL P40,P41
1-AB3-28.1	DETAIL 852	1-AB3-65.1	DETAIL P40,P41
1-AB3-28.2	DETAIL 852	1-AB3-65.2	DETAIL P40,P41
1-AB3-29	DETAIL 854	1-AB3-65.3	DETAIL P40,P41
1-AB3-30	DETAIL 855	1-AB3-66	DETAIL P42
1-AB3-30.1	DETAIL 855		
1-AB3-31	DETAIL 858		
1-AB3-32	DETAIL 861		
1-AB3-32.1	DETAIL 861		
1-AB3-33	DETAIL 867		
1-AB3-33.1	DETAIL 867		
1-AB3-34	DETAIL 870		
1-AB3-35	DETAIL 872		
1-AB3-36	DETAIL 772		
1-AB3-37	DETAIL 773		



SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	DRAWING BOOK 1 - EXTERIOR WALL TO EL. 363	2/ 3/69

VISIONS

1-AB3- 0	INDEX	1-AB3-38	DETAIL 774
1-AB3- 1	DETAIL 733	1-AB3-39	DETAIL 775
1-AB3- 2	DETAIL 734	1-AB3-40	DETAIL 777
1-AB3- 3	DETAIL 735	1-AB3-41	DETAIL 778
1-AB3- 4	DETAIL 736	1-AB3-42	DETAIL 779
1-AB3- 4.1	DETAIL 736	1-AB3-33	DETAIL 780
1-AB3- 5	DETAIL 737	1-AB3-44	DETAIL 781
1-AB3- 6	DETAIL 738	1-AB3-45	DETAIL 783
1-AB3- 7	DETAIL 750	1-AB3-49	GENERAL NOTES
1-AB3- 8	DETAIL 751	1-AB3-50	DETAIL P01
1-AB3- 8.1	DETAIL 751	1-AB3-51	DETAIL P02
1-AB3- 9	DETAIL 752,757,760	1-AB3-52	DETAIL P03
1-AB3- 9.1	DETAIL 752,757,760	1-AB3-53	DETAIL P04
1-AB3-10	DETAIL 753	1-AB3-54	DETAIL P05
1-AB3-11	DETAIL 754	1-AB3-55	DETAIL P06
1-AB3-12	DETAIL 755	1-AB3-56	DETAIL P07
1-AB3-13	DETAIL 756	1-AB3-57	DETAIL P08
1-AB3-14	DETAIL 758	1-AB3-58	DETAIL P09
1-AB3-15	DETAIL 759,765,769	1-AB3-58.1	DETAIL P09
1-AB3-16	DETAIL 761	1-AB3-58.2	DETAIL P09
1-AB3-17	DETAIL 766	1-AB3-59	NOT USED
1-AB3-18	DETAIL 767,760,770	1-AB3-60	DETAIL P10-P17
1-AB3-18.1	DETAIL 767,768,770	1-AB3-60.1	DETAIL P10-P17-P20
1-AB3-18.2	DETAIL 771	1-AB3-60.2	DETAIL P10-P17
1-AB3-19	DETAIL 839	1-AB3-60.3	DETAIL P10-P17
1-AB3-20	DETAIL 840	1-AB3-60.4	DETAIL P20
1-AB3-21	DETAIL 841	1-AB3-60.5	DETAIL P10,P11
1-AB3-22	DETAIL 842	1-AB3-60.6	DETAIL P10,P11
1-AB3-22.1	DETAIL 842	1-AB3-60.7	DETAIL P18
1-AB3-23	DETAIL 843	1-AB3-60.8	DETAIL P18
1-AB3-24	DETAIL 844	1-AB3-60.9	DETAIL P11
1-AB3-25	DETAIL 848	1-AB3-61	DETAIL P20
1-AB3-26	DETAIL 850	1-AB3-62	DETAIL P21-P26
1-AB3-27	DETAIL 851	1-AB3-63	DETAIL P30,P31
1-AB3-27.1	DETAIL 851	1-AB3-64	DETAIL P35
1-AB3-28	DETAIL 852	1-AB3-65	DETAIL P40,P41
1-AB3-28.1	DETAIL 852	1-AB3-65.1	DETAIL P40,P41
1-AB3-28.2	DETAIL 852	1-AB3-65.2	DETAIL P40,P41
1-AB3-29	DETAIL 854	1-AB3-65.3	DETAIL P40,P41
1-AB3-30	DETAIL 855	1-AB3-66	DETAIL P42
1-AB3-30.1	DETAIL 855		
1-AB3-31	DETAIL 858		
1-AB3-32	DETAIL 861		
1-AB3-32.1	DETAIL 861		
1-AB3-33	DETAIL 867		
1-AB3-33.1	DETAIL 867		
1-AB3-34	DETAIL 870		
1-AB3-35	DETAIL 872		
1-AB3-36	DETAIL 772		
1-AB3-37	DETAIL 773		

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON · Structural & Civil Engineers

PROJECT	TITLE	DATE
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REVISIONS

1-AB3- C	INDEX	1-AB3-38	DETAIL 774
1-AB3- 1	DETAIL 733	1-AB3-39	DETAIL 775
1-AB3- 2	DETAIL 734	1-AB3-40	DETAIL 777
1-AB3- 3	DETAIL 735	1-AB3-41	DETAIL 778
1-AB3- 4	DETAIL 736	1-AB3-42	DETAIL 779
1-AB3- 4.1	DETAIL 736	1-AB3-43	DETAIL 780
1-AB3- 5	DETAIL 737	1-AB3-44	DETAIL 781
1-AB3- 6	DETAIL 738	1-AB3-45	DETAIL 783
1-AB3- 7	DETAIL 750	1-AB3-49	GENERAL NOTES
1-AB3- 8	DETAIL 751	1-AB3-50	DETAIL P01
1-AB3- 8.1	DETAIL 751	1-AB3-51	DETAIL P02
1-AB3- 9	DETAIL 752,757,760	1-AB3-52	DETAIL P03
1-AB3- 9.1	DETAIL 752,757,760	1-AB3-53	DETAIL P04
1-AB3-10	DETAIL 753	1-AB3-54	DETAIL P05
1-AB3-11	DETAIL 754	1-AB3-55	DETAIL P06
1-AB3-12	DETAIL 755	1-AB3-56	DETAIL P07
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1-AB3-17	DETAIL 766	1-AB3-59	NOT USED
1-AB3-18	DETAIL 767,768,770	1-AB3-60	DETAIL P10-P17
1-AB3-18.1	DETAIL 767,768,770	1-AB3-60.1	DETAIL P10-P17-P20
1-AB3-18.2	DETAIL 771	1-AB3-60.2	DETAIL P10-P17
1-AB3-19	DETAIL 835	1-AB3-60.3	DETAIL P10-P17
1-AB3-20	DETAIL 840	1-AB3-60.4	DETAIL P20
1-AB3-21	DETAIL 841	1-AB3-60.5	DETAIL P10,P11
1-AB3-22	DETAIL 842	1-AB3-60.6	DETAIL P10,P11
1-AB3-22.1	DETAIL 842	1-AB3-60.7	DETAIL P18
1-AB3-23	DETAIL 843	1-AB3-60.8	DETAIL P18
1-AB3-24	DETAIL 844	1-AB3-60.9	DETAIL P11
1-AB3-25	DETAIL 848	1-AB3-61	DETAIL P20
1-AB3-26	DETAIL 850	1-AB3-62	DETAIL P21-P26
1-AB3-27	DETAIL 851	1-AB3-63	DETAIL P30,P31
1-AB3-27.1	DETAIL 851	1-AB3-64	DETAIL P35
1-AB3-28	DETAIL 852	1-AB3-65	DETAIL P40,P41
1-AB3-28.1	DETAIL 852	1-AB3-65.1	DETAIL P40,P41
1-AB3-28.2	DETAIL 852	1-AB3-65.2	DETAIL P40,P41
1-AB3-29	DETAIL 854	1-AB3-65.3	DETAIL P40,P41
1-AB3-30	DETAIL 855	1-AB3-66	DETAIL P42
1-AB3-30.1	DETAIL 855		
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1-AB3-32	DETAIL 861		
1-AB3-32.1	DETAIL 861		
1-AB3-33	DETAIL 867		
1-AB3-33.1	DETAIL 867		
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1-AB3-36	DETAIL 772		

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON Civil & Structural Engineers

PROJECT	TITLE	DATE
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1-AB3- 0	INDEX	1-AB3-38	DETAIL 774
1-AB3- 1	DETAIL 733	1-AB3-39	DETAIL 775
1-AB3- 2	DETAIL 734	1-AB3-40	DETAIL 777
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1-AB3-33	DETAIL 867		
1-AB3-33.1	DETAIL 867		
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1-AB3-36	DETAIL 772		
1-AB3-37	DETAIL 773		

REGISTERED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK